REMARKS

I have removed all reference to annealation from both the specification and the claims. Finally, I have included the Background section in my substitute specification. In all other respects the present amendment is the same as the unentered amendment filed on 1/5/04 and thus no new matter has been entered.

CLAIM REJECTIONS - 35 USC § 112, FIRST PARAGRAPH

Claims 15,17,18,36, and 40-42 stand rejected under 35 USC § 112, first paragraph as failing to comply with the written description requirement.

In order to comply with the written description requirement of 35 USC § 112, first paragraph, I have amended both the Specification and the claims by removing any reference to annealation. Applicant submits that, with the above changes, claims 15, 17, 18, 36 and 40-42 now conform to what was reasonably disclosed in the Specification to one skilled in the art at the time the application was filed.

Including my unentered 1/5/04 amendment modified to remove any reference to annealation, the changes to the Specification are:

The present invention also includes a method of forming a glass and plastic composite using optical contacting to hold the glass and plastic portions together using microwave radiation,

Summary, line 12.

The present invention also includes a method of enhancing the kinetic reaction strength of a sealant using microwave radiation, Summary, line 12.

Optical contacting means to adhere two surfaces together through molecular attraction without the use of an adhesive, Detailed Description of the Invention, line 7.

Optically correcting means to correct optical imperfections, Detailed Description of the Invention, line 7.

Plastic means the physical characteristic of being able to be shaped, molded, or modeled such that the resulting change of shape is permanent, Detailed Description of the Invention, line 7.

It is a characteristic of the present invention to provide a method of optically contacting together the glass and the plastic during the bonding process of forming the resultant optical composite using microwave radiation, page 4, line 27, end of Summary.

It is a characteristic of the present invention to provide a method of enhancing the kinetic reaction strength of a sealant using microwave radiation, page 4, line 27, end of Summary.

In another preferred embodiment, the core is made of glass and the polymer cladding is optically contacted on to the optic fiber using heat generated from microwave radiation, page 5, line 4,third from last paragraph of Detailed Description of the Invention.